

SUBMITTAL TRANSMITTAL

ACTIVITY ID

DATE May 4, 2021

CONTRACT NO
N62473-17-D-0006; N6247318F5065CONTRACT TITLE
Radiological Investigation, Survey, and Reporting, Parcel G, Former HPNSSUBMI NO
001SUBM ITEM DESCRIPTION
Aggregate Base Material, Chemical Assessment: Hanson Aggregates Sunol Quarry (Sunol, CA)

SUBMITTAL PRIORITY?	<input type="radio"/> HIGH	<input checked="" type="radio"/> NORMAL
PREPARED BY CQC MGR?	<input type="radio"/> YES	<input checked="" type="radio"/> NO
SCHEDULE REFERENCED?	<input type="radio"/> YES	<input checked="" type="radio"/> NO
CRITICAL PATH?	<input type="radio"/> YES	<input checked="" type="radio"/> NO

SPEC SECTION
SAP Addendum Worksheet #17SPEC PARAGRAPH
Import Borrow Source SoilSPEC PAGE NO
80

CQC REMARKS:

APTIM has located, sampled, and characterized one (1) source of aggregate base rock material to use at Parcel G, Hunters Point Naval Shipyard (HPNS), San Francisco, California. The attached Table 1 - Data Summary includes the chemical and radiological results. The material was sampled by APTIM on 12-Dec-2019. The source is a virgin source quarries.

Per Section 17 of Appendix A (Sampling and Analysis Plan Addendum) of the Final, Revision 1, Parcel G Removal Site Evaluation Work Plan Addendum, Radiological Investigation, Survey, and Reporting, Parcel G, Former Hunters Point Naval Shipyard, San Francisco, CA, dated July 2020 (APTIM), the material fines were sampled and analyzed for metals, asbestos, and radium-226. The material was also analyzed for cesium-139, thorium-232, and total beta strontium. Analytical results were compared to the criteria listed in Worksheet #15, and are provided in Table 1. The results are below the criteria. The analytical results demonstrate that the use of this material will not adversely affect the site.

Bercik, Lisa M. Digitally signed by Bercik, Lisa M.
Date: 2021.05.04 10:03:53 -07'00' May 4, 2021

CONTRACTOR/QUALITY CONTROL MANAGER

DATE

APPROVAL AND COMMENTS

COMMENTS FOR DETAILED REVIEWER:

DETAILED REVIEWER 1 COMMENTS:

DETAILED REVIEWER 1 NAME/SIGNATURE

TITLE

RESPONSE DATE

DETAILED REVIEWER 2 COMMENTS:

DETAILED REVIEWER 2 NAME/SIGNATURE

TITLE

RESPONSE DATE

APPROVER'S COMMENTS:

SUBM STATUS

GOVERNMENT CONSTRUCTION MANAGER

DATE